

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for detecting an inhibitor of p53 protein degradation comprising providing a cell extract containing one or more p53 proteins and one or more proteases, administering ~~an~~ a peptide or protein inhibitor of calpain protease activity, and measuring p53 protein and p53 protein fragments.
2. (Currently Amended) The method of claim 1, wherein the inhibitor administered is a calpastatin.
3. (Original) The method of claim 2, wherein the calpastatin is encoded by one of SEQ ID NO: 1-3.
4. (Original) The method of claim 1, wherein the cell extract is derived from a tumor cell.
5. (Original) The method of claim 1, wherein the inhibitor administered is a fragment of calpastatin.
6. (Original) The method of claim 4, wherein the inhibitor is a calpastatin.
7. (Original) The method of claim 4, wherein the inhibitor is a fragment of calpastatin.

8. (Original) The method of claim 1, wherein measuring the p53 protein and p53 protein fragments is performed using gel electrophoresis.